Thomas J Thekkumkara

List of Publications by Year
in descending order

55	1,358	304602	330025
papers	citations	22 h-index	37 g-index

56	56	56	1148
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Downregulation of Angiotensin Type 1 Receptor by Ferulic Acid in Rat Liver Epithelial Cells. FASEB Journal, 2022, 36, .	0.2	0
2	Estrogen Metabolite 2-Methoxyestradiol Attenuates Blood Pressure in Hypertensive Rats by Downregulating Angiotensin Type 1 Receptor. Frontiers in Physiology, 2022, 13, 876777.	1.3	0
3	2-Methoxyestradiol causes matrix metalloproteinase 9-mediated transactivation of epidermal growth factor receptor and angiotensin type 1 receptor downregulation in rat aortic smooth muscle cells. American Journal of Physiology - Cell Physiology, 2018, 314, C554-C568.	2.1	16
4	Tannic Acid Downregulates Angiotensin Type 1 Receptor in Aortic Smooth Muscle Cells Through EGFR Dependent Phosphoinositide 3â€kinase Pathway. FASEB Journal, 2018, 32, 533.21.	0.2	0
5	Abstract 100: Mechanistic Insight into Tannic Acid Mediated Angiotensin Type 1 Receptor and PCSK 9 Downregulation. Hypertension, 2018, 72, .	1.3	0
6	Abstract P234: 2-Methoxyestradiol Attenuates Angiotensin II Induced Hypertension: A Novel Paradigm. Hypertension, 2017, 70, .	1.3	0
7	Competitive Binding Assay for the G-Protein-Coupled Receptor 30 (GPR30) or G-Protein-Coupled Estrogen Receptor (GPER). Methods in Molecular Biology, 2016, 1366, 11-17.	0.4	4
8	2-Methoxyestradiol binding of GPR30 down-regulates angiotensin AT1 receptor. European Journal of Pharmacology, 2014, 723, 131-140.	1.7	40
9	Interplay between EGR1 and SP1 is critical for 13-cis retinoic acid-mediated transcriptional repression of angiotensin type 1A receptor. Journal of Molecular Endocrinology, 2013, 50, 361-374.	1.1	11
10	Angiotensin type 1 receptor resistance to blockade in the opossum proximal tubule cell due to variations in the binding pocket. American Journal of Physiology - Renal Physiology, 2013, 304, F1105-F1113.	1.3	5
11	Functional role of sodium glucose transporter in high glucose-mediated angiotensin type 1 receptor downregulation in human proximal tubule cells. American Journal of Physiology - Renal Physiology, 2012, 303, F766-F774.	1.3	2
12	13-cis-Retinoic acid specific down-regulation of angiotensin type 1 receptor in rat liver epithelial and aortic smooth muscle cells. Journal of Molecular Endocrinology, 2012, 48, 99-114.	1.1	9
13	Tannic Acid Down-Regulates the Angiotensin Type 1 Receptor Through a MAPK-Dependent Mechanism. Molecular Endocrinology, 2012, 26, 458-470.	3.7	10
14	Pharmacologic Effects of 2-Methoxyestradiol on Angiotensin Type 1 Receptor Down-Regulation in Rat Liver Epithelial and Aortic Smooth Muscle Cells. Gender Medicine, 2012, 9, 76-93.	1.4	15
15	Effects of transient overexpression or knockdown of cytochrome P450 reductase on reactive oxygen species generation and hypoxia reoxygenation injury in liver cells. Clinical and Experimental Pharmacology and Physiology, 2011, 38, 846-853.	0.9	11
16	TANNIC ACID AN INHIBITOR FOR ANGIOTENSIN TYPE 1 RECEPTOR AND HYPERTENSION IN SPONTANEOUSLY HYPERTENSIVE RATS. FASEB Journal, 2011, 25, lb486.	0.2	1
17	Retinoic Acid Mediated Downregulation of Angiotensin Type 1 Receptor Requires Mitogen Activated Protein Kinase p42/p44 and Early Growth Response Protein 1. FASEB Journal, 2011, 25, 1088.7.	0.2	0
18	Delivery of NADPH-Cytochrome P450 Reductase Antisense Oligos Using Avidinâ"Biotin Approach. Bioconjugate Chemistry, 2010, 21, 203-207.	1.8	7

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19	2â€Methoxy Estradiol Mediated Downregulation of Angiotensin Type 1 Receptor Expression. FASEB Journal, 2010, 24, 786.13.	0.2	0
20	A Novel Mechanism for 13â€cis Retinoic Acid mediated Angiotesin Type 1 Receptor Downregulation. FASEB Journal, 2010, 24, 702.1.	0.2	0
21	A Functional Role for Sodium-Dependent Glucose Transport across the Blood-Brain Barrier during Oxygen Glucose Deprivation. Journal of Pharmacology and Experimental Therapeutics, 2009, 328, 487-495.	1.3	108
22	Regulation of Megalin Expression in Cultured Proximal Tubule Cells by Angiotensin II Type 1A Receptor- and Insulin-Mediated Signaling Cross Talk. Endocrinology, 2009, 150, 871-878.	1.4	66
23	A Novel Mechanism for Acute Hyperglycemia Induced Apoptosis In Renal Epithelial Cells. FASEB Journal, 2009, 23, 526.22.	0.2	0
24	Tannic Acid Specific Inhibition of Angiotensin Type 1 Receptor in Rat Liver Epithelial Cells. FASEB Journal, 2009, 23, 1026.5.	0.2	0
25	Protective Effects of Diallyl Sulfide, a Garlic Constituent, on the Warm Hepatic Ischemiaâ€“Reperfusion Injury in a Rat Model. Pharmaceutical Research, 2008, 25, 2231-2242.	1.7	57
26	A Compensatory Mechanism for Acute Hyperglycemia Induced Apoptosis. FASEB Journal, 2008, 22, 648.7.	0.2	0
27	Role of Sodium Glucose Transporter in High Glucose Mediated Angiotensin Type 1 receptor Downâ€regulation in Human Proximal Tubule Cells. FASEB Journal, 2008, 22, 736.1.	0.2	0
28	Angiotensin II induces phosphorylation of glucose-regulated protein-75 in WB rat liver cells. Archives of Biochemistry and Biophysics, 2007, 457, 16-28.	1.4	7
29	Protein Kinase C Family Members as a Target for Regulation of Bloodâ€“Brain Barrier Na,K,2Cl-Cotransporter During In Vitro Stroke Conditions and Nicotine Exposure. Pharmaceutical Research, 2006, 23, 291-302.	1.7	32
30	NGP1-01 is a Brain-permeable Dual Blocker of Neuronal Voltage- and Ligand-operated Calcium Channels. Neurochemical Research, 2006, 31, 395-399.	1.6	37
31	Hyperglycemia Alters Angiotensin Type 1 Receptor Expression Through MAPâ€Kinase Signaling Pathway in Liver Cells. FASEB Journal, 2006, 20, .	0.2	0
32	AT1R blockade reduces IFN-Î³ production in lymphocytes in vivo and in vitro. Kidney International, 2005, 67, 2134-2142.	2.6	28
33	Î±-Thrombin Rapidly Induces Tyrosine Phosphorylation of a Novel, 74â€“78-kDa Stress Response Protein(s) in Lung Fibroblast Cells. Journal of Biological Chemistry, 2004, 279, 48915-48922.	1.6	6
34	Glucose Mediates Transcriptional Repression of the Human Angiotensin Type-1 Receptor Gene: Role for a Novel Cis-acting Element. Molecular Biology of the Cell, 2004, 15, 4347-4355.	0.9	7
35	Evidence for involvement of 3'-untranslated region in determining angiotensin II receptor coupling specificity to G-protein. Biochemical Journal, 2003, 370, 631-639.	1.7	33
36	Role of internalization in AT1A receptor function in proximal tubule epithelium. American Journal of Physiology - Renal Physiology, 2002, 282, F623-F629.	1.3	29

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37	Extracellular Signal-Regulated Kinase and the Small GTP-Binding Protein p21Rac1 Are Involved in the Regulation of Gene Transcription by Angiotensin II. Nephron Experimental Nephrology, 2001, 9, 142-149.	2.4	5
38	Tight binding of the angiotensin AT1 receptor antagonist [3H]candesartan is independent of receptor internalization11Abbreviations: candesartan, 2-ethoxy-1-[(2â€²-(1H-tetrazol-5-yl)biphenyl-4-yl)methyl]-1H-benzimidazoline-7-carboxylic acid; CHO-K1, Chinese hamster Ovary cells; CHO-hAT1 cells, CHO-K1 cells expressing human AT1 receptors; CHO-rAT1A-WT, CHO-K1 cells expressing wild type rat AT1A receptors; CHO-TL314-rAT1A, CHO-K1 cells expressing rat AT1A receptors with a truncated cytoplasmic tail at Leucine 31. Biochemical Pharmacolo	2.0	22
39	Angiotensin (AT_{1A}) receptor-mediated increases in transcellular sodium transport in proximal tubule cells. American Journal of Physiology - Renal Physiology, 1998, 274, F897-F905.	1.3	32
40	Evidence against a role for protein kinase C in the regulation of the angiotensin II (AT1A) receptor. European Journal of Pharmacology, 1996, 295, 119-122.	1.7	7
41	Activation of the STAT Pathway by Angiotensin II in T3CHO/AT1A Cells. Journal of Biological Chemistry, 1995, 270, 19059-19065.	1.6	68
42	Stable expression of a functional rat angiotensin II (AT1A) receptor in CHO-K1 cells: Rapid desensitization by angiotensin II. Molecular and Cellular Biochemistry, 1995, 146, 79-89.	1.4	46
43	Angiotensin II Receptor Endocytosis Involves Two Distinct Regions of the Cytoplasmic Tail. Journal of Biological Chemistry, 1995, 270, 22153-22159.	1.6	106
44	Stable Expression of a Truncated AT1A Receptor in CHO-K1 Cells. Journal of Biological Chemistry, 1995, 270, 207-213.	1.6	121
45	Overexpression and Characterization of Human Tetrameric Pyruvate Dehydrogenase and Its Individual Subunits. Protein Expression and Purification, 1995, 6, 79-90.	0.6	42
46	Use of alternative polyadenylation sites for tissue-specific transcription of two angiotensin-converting enzyme mRNAs. Nucleic Acids Research, 1992, 20, 683-687.	6.5	49
47	Angiotensin-Converting Enzyme. Journal of Cardiovascular Pharmacology, 1990, 16, S14-S18.	0.8	12
48	Long-Term Consequences of High Carbohydrate Intake during the Suckling Period on Lipid Synthesis in the Adult Rat. , 1990, , 259-264.		0
49	Molecular Biology of the Human Pyruvate Dehydrogenase Complex: Structural Aspects of the E2and E3Components. Annals of the New York Academy of Sciences, 1989, 573, 113-129.	1.8	15
50	Ochratoxin a decreases the activity of phosphoenolpyruvate carboxykinase and its mRNA content in primary cultures of rat kidney proximal convoluted tubule cells. Biochemical and Biophysical Research Communications, 1989, 162, 916-920.	1.0	7
51	Characterization of cDNAs encoding human pyruvate dehydrogenase alpha subunit.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 5330-5334.	3.3	52
52	Identification of a cDNA clone for the Î²-subunit of the pyruvate dehydrogenase component of human pyruvate dehydrogenase complex. Biochemical and Biophysical Research Communications, 1988, 150, 904-908.	1.0	30
53	Nucleotide sequence of a cDNA for the dihydrolipoamide acetyltransferase component of human pyruvate dehydrogenase complex. FEBS Letters, 1988, 240, 45-48.	1.3	93
54	Heterogeneous expression of protein and mRNA in pyruvate dehydrogenase deficiency.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 7336-7340.	3.3	43

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55	Isolation of a cDNA clone for the dihydrolipoamide acetyltransferase component of the human liver pyruvate dehydrogenase complex. Biochemical and Biophysical Research Communications, 1987, 145, 903-907.	1.0	21